

JC958 U.S. PRO
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SEQUENCE LISTING

<110> VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL

<120> NUCLEIC ACID BINDING OF MULTI-ZINC FINGER TRANSCRIPTION FACTORS

<130> JAR/SIP/V042

<140> PCT/EP00/05582

<141> 2000-06-09

<150> 99202068.5

<151> 1999-06-25

<160> 50

<170> PatentIn Ver. 2.1

<210> 1

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: part of bait for screening

<220>

<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs

<400> 1

cacctncacc t

11

<210> 2

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: part of bait for screening

<220>

<221> misc_feature

<222> (6)

<223> n is a spacer sequence of at least 8 base pairs

<400> 2

cacctnaggt g

11

<210> 3

<211> 11

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: part of bait
for screening

<220>
<221> misc_feature
<222> (6)
<223> n is a spacer sequence of at least 8 base pairs

<400> 3
aggtnacc t

11

<210> 4
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: part of bait
for screening

<220>
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<222> (6)
<223> n is a spacer sequence of at least 8 base pairs

<400> 4
aggtnaggt g

11

<210> 5
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: bipartite
element

<220>
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<222> (6)
<223> n is a spacer sequence of at least 8 base pairs

<400> 5
cacetnaccc tg

12

<210> 6
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: complex
consensus sequence

<220>
<221> misc_feature
<222> (16)
<223> n is a spacer sequence of at the most 28 base
pairs

<400> 6
gacaagataaa gataanctca tcttc

25

<210> 7
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer SIP1
NZF3Mut

<400> 7
ccacacctaaa gaatccctga gaattcacag

30

<210> 8
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer SIP1
NZF4Mut

<400> 8
gggtccttaca gttcatctat cagcagcaag

30

<210> 9
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer SIP1
CZF2Mut

<400> 9
caccacacctta tcgagtcctc gaggctgcac

30

<210> 10
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer SIP1
CZE3Mut

<400> 10
tcctactcgc agtccatgaa tcacaggtac 30

<210> 11
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-WT

<400> 11
atccaggcca cctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 12
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-D

<400> 12
atccaggcca cctaaaatat agaatgataa agtgaccaga tgtcagttct 50

<210> 13
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-E

<400> 13
taaagtgacc aggtgtcagt tct 23

<210> 14
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-F

<400> 14
atccaggcca cctaaaatat agaatga 27

<210> 15
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Rdm + Xbra-E

<400> 15
caattttagag tactgtgtac ttgggagtaa agtgaccagg tgtcagttct 50

<210> 16
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-F +
AREB6

<400> 16
atccaggcca cctaaaatat agaatgaggc tcagacaggt gtagaattcg gcg 53

<210> 17
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Rdm +
AREB6

<400> 17
caattttagag tactgtgtac ttgggagggc tcagacaggt gtagaattcg gcg 53

<210> 18
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-J

<400> 18
gcacaggcca cctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 19
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-K

<400> 19
atcactgcc a cctaaaat agaatgataa agtgaccagg tgtcagttct 50

<210> 20
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-L

<400> 20
atccagtaaa cctaaaat agaatgataa agtgaccagg tgtcagttct 50

<210> 21
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-M

<400> 21
atccaggccc aataaaat agaatgataa agtgaccagg tgtcagttct 50

<210> 22
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-N

<400> 22
atccaggcca ccgccaat agaatgataa agtgaccagg tgtcagttct 50

<210> 23
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-O

<400> 23
atccaggcca cctaaccgat agaatgataa agtgaccagg tgtcagttct 50

<210> 24
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-P

<400> 24
atccaggcca cctaaaatcg cgaatgataa agtgaccagg tgtcagttct 50

<210> 25
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-Q

<400> 25
atccaggcca cctaaaatat atcctgataa agtgaccagg tgtcagttct 50

<210> 26
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-R

<400> 26
atccaggcca cctaaaatat agaagtctaa agtgaccagg tgtcagttct 50

<210> 27
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-S

<400> 27
atccaggcca tctaaaatat agaatgataa agtgaccagg tgtcagttct 50

<210> 28
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-Z

<400> 28
atccaggeea cctaaaatat agaatgataa agtgactagg tgtcagttct 50

<210> 29

<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-B

<400> 29
atccaggcca cctatataga atgataaagt gaccaggtgt cagttct

47

<210> 30
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-C

<400> 30
atccaggcca cctaaaatat agaatgatgt gaccaggtgt cagttct

47

<210> 31
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-U

<400> 31
atccaggcca cctaaaatat agtgaccagg tgtcagttct

40

<210> 32
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-EE

<400> 32
taaagtgacc aggtgtcagt tcttaaagtg accaggtgtc agttct

46

<210> 33
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Xbra-ErE

<400> 33
agaactgaca cctggtcact ttataaagtg accaggtgtc agttct

46

<210> 34
<211> 50

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Xbra-FrF

<400> 34

atccaggcca cctaaaatat agaatattct atattttagg tggcctggat

50

<210> 35
<211> 50

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Xbra-V

<400> 35

atccaggcag gtgtaaatat agaatgataa agtgaccac ctacagttct

50

<210> 36
<211> 50

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe Xbra-W

<400> 36

atccaggcag gtgtaaatat agaatgataa agtgaccagg tgtcagttct

50

<210> 37
<211> 60

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe
alfa4I-WT (alfa-4-integrin)

<400> 37

gcagggcaca cctggattgc attagaatga gactcaaac ccagttcagg tgtgttcgt 60

<210> 38
<211> 60

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: probe alfa4I-A
(alfa-4-integrin)

<400> 38
gcagggcaca cctggattgc attagaatga gactcactac ccagttcaga tgtgttcgt 60

<210> 39
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe alfa4I-B
(alfa-4-integrin)

<400> 39
gcagggcaca tctggattgc attagaatga gactcactac ccagttcagg tgtgttcgt 60

<210> 40
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Ecad-WT

<400> 40
tggccggcag gtgaaccctc agccaatcag cggtacgggg ggcggtgctc cggggctcac 60
ctggctgcag 70

<210> 41
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Ecad-A

<400> 41
tggccggcag gtgaaccctc agccaatcag cggtacgggg ggcggtgctc cggggctcat 60
ctggctgcag 70

<210> 42
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: probe Ecad-B

<400> 42
tggccggcag atgaaccctc agccaatcag cggtacgggg ggcggtgctc cggggctcac 60
ctggctgcag 70

<210> 43
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR-primer

<400> 43
acaaaagaac tcagccaagt g 21

<210> 44
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR-primer

<400> 44
ccgcaagctc acaggtgc 18

<210> 45
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
E-box1

<400> 45
gctgtggccg gcagatgaac cctcag 26

<210> 46
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
E-box1

<400> 46
ctgagggttc atctgeegge eacagc 26

<210> 47
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
E-box3

<400> 47
gctccgggct catctggctg cagc

24

<210> 48
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
E-box3

<400> 48
gctgcagcca gatgagcccc ggagc

25

<210> 49
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: degenerated
primer

<400> 49
cttccagcag ccctacgayc argcnca

27

<210> 50
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: degenerated
primer

<400> 50
gggtgtggga ccggatrtgc atytnat

28